

Search history

Search 1: crane (Results 114887)
Search 2: aircraft (Results 185030)
Search 3: 1 and 2 (Results 461)
Search 4: hangar (Results 2519)
Search 5: 3 and 4 (Results 12)

1) Family number: 18885731 (GB434958A)

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Title: Improvements in or relating to high speed aircraft carriers

Abstract: Source: GB434958A 7777. [Classes 113 (ii) and 115] An aircraft carrier is provided at the stern with the usual apron 5 for landing the craft. From the apron the craft are transported by the laterally mounted crane 16 to the tables 2a, 2 the levels of which may be relatively adjusted by means of screw gears. A transporting trolley is then brought under the craft and it is conveyed forward along deck rails either to the forward catapult 13 or is stored in the centrally disposed hangars 12. The tops of the lifts serve to close the entrance to the hangars and the main rails 14 are provided with lateral storage rails connected to the main rails by a turn table 20.

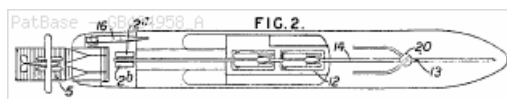
Classifications:

International (IPC 8-9): B63B35/52 (Advanced/Invention);
B63B35/00 (Core/Invention)

International (IPC 1-7): B64F1/00

CPC: B63B35/52

European: B63B35/52



Family:

Publication number	Publication date	Application number	Application date
GB434958 A	19350912	GB19340007777	19340312

Priority:

GB19340007777 19340312

Probable Assignee: THORNYCROFT JOHN I AND CO LTD

Assignee(s): (std): JOHN EDWARD THORNYCROFT ; THORNYCROFT JOHN I AND CO LTD

Assignee(s): JOHN I THORNYCROFT AND CO LTD ; JOHN I THORNYCROFT AND COMPANY LIMITED

2) Family number: 19687849 (GB673100A)

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Title: Improvements in or relating to sheds and the like

Abstract: Source: GB673100A 673,100. Aircraft hangars. KOLBUSZOWSKI, J. S. T., and KOLBUSZOWSKI, M. J. Aug. 15, 1950 [Aug. 16, 1949], No. 21329/49. Class 20(i). In a shed, e.g. an aircraft hangar, providing two principal covered spaces 6, the main roof-supporting members consist of two halves each comprising a vertical leg 2 and a substantially horizontal cantilever beam 3 rigidly connected to the top of the leg 2 and extending away from the leg 2 of the other half, the two halves being braced together by tension and compression members 4, 5 respectively. Thus each half of a roof-supporting member forms an L-shaped structure. Two such members may be arranged in spaced parallel relationship, running the length of the shed, roof trusses extending between them, and walls and doors being provided at the sides and ends. In a modification, Fig. 10, the tension and compression members are formed by extensions of the cantilever beam 34, the halves of each roof-supporting member in this case being of T-shape. Similarly in a third embodiment, Fig. 17, the legs 52 are joined to the beams. 51 intermediate their lengths, the inner ends of beams 51 of each half having interposed between them a tie 53 and a compression member 55 extending between vertical legs 54. In this last embodiment four roof-supporting members may be spaced in parallel relationship, the two outer being shorter than the two inner. Purlins, ridges, and diagonal bracing are provided in all embodiments.

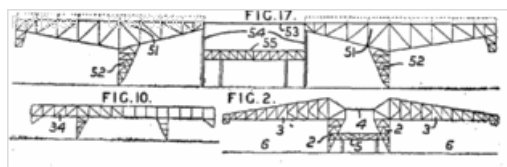
Classifications:

International (IPC 8-9): E04B1/34 E04B1/342 (Advanced/Invention);
E04B1/34 E04B1/342 (Core/Invention)

International (IPC 1-7): E04B1/342 E04H6/44

CPC: E04B1/3416 E04B1/342

European: E04B1/342 E04B1/34D



Family:

Publication number	Publication date	Application number	Application date
GB673100 A	19520604	GB19490021329	19490816

Priority:

GB19490021329 19490816

Probable Assignee: MICHAL JOZEF KOLBUSZOWSKI

Assignee(s): (std): JULIUSZ STANISLAW TADEUSZ KOLB ; MICHAL JOZEF KOLBUSZOWSKI

Assignee(s): JULIUSZ STANISLAW TADEUSZ KOLBUSZOWSKI

3) Family number: 7498005 (US3768427A)

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Title: ICEBREAKER OIL TANKERS

Abstract: Source: US3768427A (Claim 1) 1. 1. A semi-submersible icebreaking bulk carrier vessel having a submerged hull portion a superstructure longitudinally disposed and vertically depending from said hull portion said superstructure permanently extending above the ice sheet said superstructure enclosed to the point of providing a reserve of bouyancy for the entire said vessel said superstructure having a width less than one half the beam of said submerged hull portion said hull portion having supplementary water ballast compartments at its bottom and having upwardly indented openings therein to the sea said vessel having air compression and storage means located in said hull portion extraneous of said water ballast compartments valved ducted communications between said air compressor and storage means and said water ballast compartments valved ducted communication between said water ballast compartments and the intake of said compressor for re-compression of said air into said storage

Classifications:

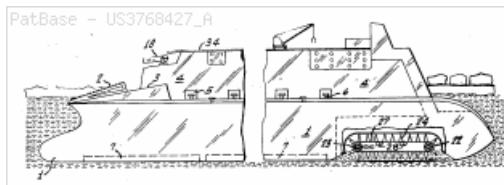
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International (IPC 1-7): B63B35/12

CPC: B63B25/12 B63H1/34 B63H2001/344

European: B63B25/12 B63H1/34 L63H1/34P2

US: 114/41

**Family:**

Publication number	Publication date	Application number	Application date
US3768427 A	19731030	US19700085329	19701030

Priority:

US19700085329 19701030

Probable Assignee:

STEPHENS R

Assignee(s): (std):

STEPHENS R

Assignee(s):

STEPHENS R CA

Inventor(s): (std):

STEPHENS R

Inventor(s):

STEPHENS R CA

4) Family number: 3276976 (US5218921A)

© PatBase

Title: Aircraft carrier

Abstract: Source: US5218921A PCT No. PCT/AU90/00053 Sec. 371 Date Aug. 13, 1991 Sec. 102(e) Date Aug. 13, 1991 PCT Filed Feb. 13, 1990 PCT Pub. No. WO90/09311 PCT Pub. Date Aug. 23, 1990. A vessel able to deploy V/STOL aircraft includes: a hull, a main deck with forward and aft exposed sections and an intermediate section comprising a tenth to half the main deck; on the forward, intermediate and perhaps aft sections a take-off runway with a ski jump; a hangar straddling the intermediate section and its runway portion and having walls supporting an upper deck on which functional items are located; pads on the forward and/or aft sections; and an aft section area where aircraft park when others launch through the hangar.

Classifications:

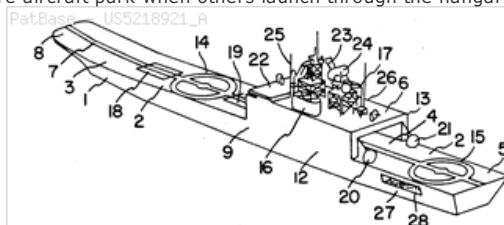
International (IPC 8-9): B63G11/00 (Advanced/Invention); B63G11/00 (Core/Invention)

International (IPC 1-7): B63B11/00 B63B35/50 B63G11/00

CPC: B63G11/00

European: B63G11/00

US: 114/261

**Family:**

Publication number	Publication date	Application number	Application date
AU199050913 A1	19900905	AU19900050913	19900213
GB2245229 A1	19920102	GB19910017406	19910812
GB2245229 B2	19921216	GB19910017406	19910812
GB9117406 A0	19910925	GB19910017406	19910812
US5218921 A	19930615	US19910741451	19910813
WO9009311 A1	19900823	WO1990AU00053	19900213

Priority:

AU1989PJ02690 19890213

AU19900050913 19900213

WO1990AU00053 19900213

Probable Assignee: MALCOLM ANTHONY**Assignee(s):** (std): ANTHONY MALCOLM ; MALCOLM ANTHONY**Inventor(s):** (std): MALCOLM ANTHONY**Inventor(s):** ANTHONY MALCOLM**Designated states:** AT AU BB BE BF BG BJ BR CA CF CG CH CM DE DK ES FI FR GA GB HU IT JP KP KR LK LU MC MG ML MR MW NL NO RO SD SE SN SU TD TG US**5) Family number: 11706664** (US5359542A)

© PatBase

Title: VARIABLE PARAMETER COLLISION AVOIDANCE SYSTEM FOR AIRCRAFT WORK PLATFORMS

Abstract: Source: US5359542A A system for determining the position of an airplane in a hangar and for limiting the motion of a plurality of gantry cranes around the airplane, the system including a plurality of movable scanners which ascertain locations of a plurality of collinear points along the leading edges of the wings of the airplane, including a processor system for determining a point of intersection of lines through the collinear points, the point of intersection and lines having a known positional relationship with the other portions of the airplane from which the processor system also determines the locations of other portions of the airplane, the processor system determining limits on the cranes' motion relative to the airplane.

Classifications:

International (ipc 8-9): B25J9/16 B64F5/00

G01B11/00 (Advanced/Invention);

B25J9/16 B64F5/00 G01B11/00 (Core/Invention)

International (ipc 1-7): G01B11/24 G06F15/50

CPC: G01B11/002 B25J9/1615 B64F5/10 G05B2219/39082

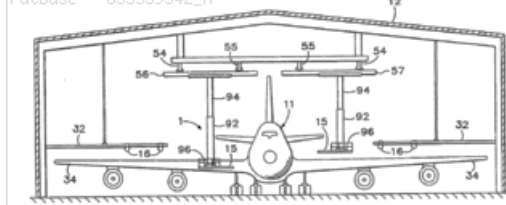
G05B2219/40293 G05B2219/45071

European: B25J9/16K B64F5/00A G01B11/00D S05B219/39082

S05B219/40293 S05B219/45071

US: 356/376 356/621 364/424.07 364/461 364/559 701/301 701/50 702/152

PatBase - US5359542_R



Family:

Publication number	Publication date	Application number	Application date
US5359542 A	19941025	US19910811523	19911220

Priority:

US19910811523 19911220

Probable Assignee: BOEING CO

Assignee(s): (std): BOEING CO

Assignee(s): BOEING CO A DE CORP ; THE BOEING COMPANY

Inventor(s): (std): PAHMEIER MAX C ; PIERCE RICHARD T

6) Family number: 36072717 (WO07101475A1)

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Title: AUTOMATED SYSTEM WITH SUSPENDED ROBOT FOR TREATING SURFACES, IN PARTICULAR OF AIRCRAFT

Abstract: The invention concerns an automated system with suspended robot for treating surfaces, in particular of aircraft, comprising a support P consisting of a travelling crane (18), a mobile carriage (16) on the travelling crane (18), and a telescopic mast (14) borne by the carriage (16) and extending downwards of the latter. A treatment robot (10) is supported by the mast (14) at its lower end. The system is equipped with indoor GPS locating means including several transmitters (24) arranged heightwise on columns (26) secured to the ground and independent of a shed in which the treating system is installed, receivers (28) supported by the telescopic mast (14) and receivers (AGR) to be fixed in noticeable points of the object, so as to detect the position of a reference point of the robot (10) in a space of treatment to be measured and the position of noticeable points of the object in said space of treatment, and means for signalling the detected position of the reference point (10) and of noticeable points of the object to a system controlling the support (P) and the robot (10) based on the detected positions and based on the three-dimensional shape of the object stored in the management system.

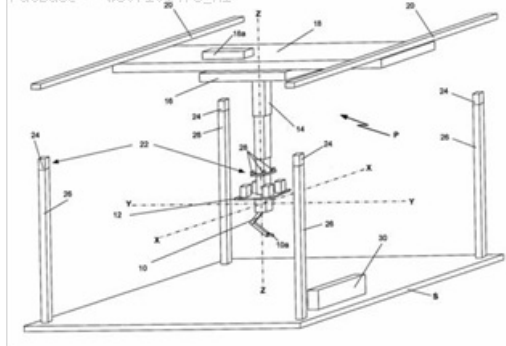
Classifications:

International (ipc 8-9): B25J5/04 (Advanced/Invention);

B25J5/02 (Core/Invention)

CPC: B25J5/04 B25J18/025 G01S19/11

PatBase - WO07101475_A1



Family:

Publication number	Publication date	Application number	Application date
WO07101475 A1	20070913	WO2006EP60537	20060308

Priority:

WO2006EP60537 20060308

Probable Assignee: CTI SYSTEMS S A

Assignee(s): (std): BENETTI MARCO ; CTI SYSTEMS S A

Inventor(s): (std): BENETTI MARCO

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LC LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

7) Family number: 48873564 (US2011107951A)

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Title: OFFSHORE BUOYANT DRILLING, PRODUCTION, STORAGE AND OFFLOADING STRUCTURE

Abstract: Source: US2011107951A An offshore structure having a vertically symmetric hull, an upper vertical wall, an upper inwardly-tapered wall disposed below the upper vertical wall, a lower outwardly-tapered wall disposed below the upper sloped wall, and a lower vertical wall disposed below the lower sloped wall. The upper and lower sloped walls produce significant heave damping in response to heavy wave action. The addition of a heavy slurry of hematite and water ballast is

added to the lower and outermost portions of the hull to lower the center of gravity below the center of buoyancy. The offshore structure provides one or more movable hawser connections that allow a tanker vessel to moor directly to the offshore structure during offloading rather than mooring to a separate buoy at some distance from the offshore storage structure. The movable hawser connection includes an arcuate rail with a movable trolley that provides a hawser connection point that allows vessel weathervaning.

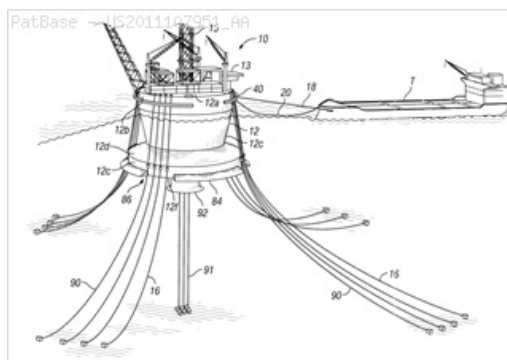
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CPC: B63B1/041 B63B22/021 B63B2021/003 B63B27/30 B63B1/042 B63B59/02 B63B35/44 B63B2021/001 B63G11/00 B63B27/16 B63B27/36 B63B2241/08 B63H25/42 B63B2035/448 B63B39/02 E02B3/20 B63B43/06 B63B2039/067 B63B35/4413 B63B35/08 E21B43/01 B63B21/50 B63B2035/4473 B63B21/04 E21B17/015 E21B41/0007 E21B41/08 B63B2035/4486 B63B27/34 B63B2003/147 B63B19/08 B63B1/048 B63B39/00 B63B2211/06 B63B2001/044

European: B63B1/04 B63B1/04B B63B22/02 B63B22/02B B63B35/44 L63G11/00

US: 1/1 114/121 114/121S 114/125 114/230.1 114/230.2 114/258 114/258S 114/259 114/261 114/263 114/264 114/264S 114/56.1



Family:

Publication number	Publication date	Application number	Application date
AP201105907 A0	20111031	AP20110005907	20101028
AU2015339585 AA	20160506	AU20150339585	20151026
AU2016223268 AA	20160901	AU20160223268	20160127
AU2016223269 AA	20160901	AU20160223269	20160127
BR102012004556 A2	20150303	BR20121004556	20120229
CA2966003 AA	20170426	CA20162966003	20160127
CA2966018 AA	20170426	CA20152966018	20151026
CA2966036 AA	20170426	CA20162966036	20160127
CN102438890 A	20120502	CN201080018347	20101028
CN102438890 B	20150701	CN201080018347	20101028
EP2496469 A1	20120912	EP20100828921	20101028
EP2496469 A4	20170329	EP20100828921	20101028
EP2741955 A1	20140618	EP20120822127	20120209
EP2741955 A4	20160113	EP20120822127	20120209
IL251948 A0	20170629	IL20150251948	20151026
IL251968 A0	20170629	IL20160251968	20160127
IL251983 A0	20170629	IL20160251983	20160127
KR20120079447 A	20120712	KR20117023994	20101028
KR20170082535 A	20170714	KR20177013184	20151026
SG11201605693T A1	20160929	SG20161105693	20141121
SG11201703466X A1	20170530	SG20171103466	20151026
SG175061 A1	20111128	SG20110072378	20101028
US2011107951 AA	20110512	US20100914709	20101028
US2012132122 AA	20120531	US20120369600	20120209
US2012291685 AA	20121122	US20120569096	20120807
US2013305976 AA	20131121	US20130950221	20130724
US2016031534 AA	20160204	US20140524992	20141027
US8251003 BB	20120828	US20100914709	20101028
US8544402 BB	20131001	US20120569096	20120807
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US9180941 BA	20151110	US20150630576	20150224
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WO13022484 A1	20130214	WO2012US24494	20120209
WO15088745 A1	20150618	WO2014US66941	20141121
WO16069484 A1	20160506	WO2015US57397	20151026
WO16137643 A1	20160901	WO2016US15159	20160127
WO16137644 A2	20160901	WO2016US15163	20160127
WO16137644 A3	20161020	WO2016US15163	20160127

Priority:

US20090259201P 20091108	US20090259201P 20091118	US20090262533P 20091118
US20100914709 20101028	US20110521701P 20110809	US20120369600 20120209
WO2010US54404 20101028	US20120569096 20120807	US20130950221 20130724
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WO2016US15159 20160127	WO2015US57397 20151026	WO2014US66941 20141121

Probable Assignee: JURONG SHIPYARD PTE LTD

Assignee(s): (std): SSP OFFSHORE INC ; SSP TECHNOLOGIES INC ; VANDENWORM NICOLAAS ; VANDENWORM NICOLAAS J ; VANDERWORM NICOLAAS JOHANNES ; VANDENWORM NICOLAAS JOHANNES ; JURONG SHIPYARD PTE LTD

Assignee(s): JURONG SHIPYARD PTD LTD

Inventor(s): (std): VANDENWORM NICOLAAS J ; VANDERWORM NICOLAAS JOHANNES ; VANDENWORM NICOLAAS JOHANNES ; VANDENWORM NICOLAAS

Inventor(s): NICOLAAS J VANDENWORM

Agent(s): WRAYS PTY LTD; BERESKIN AND PARR LLP SENCRL SRL; WILLIAMS MICHAEL IAN; ANDREWS KURTH LLP; GARY L; BRETT T; WENDY; BUSKOP LAW GROUP PC; BUSH GARY L ET AL; COOKE BRETT T ET AL; BUSKOP WENDY ET AL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

8) Family number: 52816313 (US2013018525A)

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Title: MOBILIZED SENSOR NETWORK FOR STRUCTURAL HEALTH MONITORING

Abstract: Source: US2013018525A A method and apparatus for inspecting an object is provided. Movement of inspection vehicles relative to a surface of the object is controlled using a controller. Generation of data about the object by sensor systems configured to generate the data when the sensor systems are in a configuration with respect to a location on the object for inspection and receiving power from the inspection vehicles is controlled using the controller. The data generated by the sensor systems is stored.

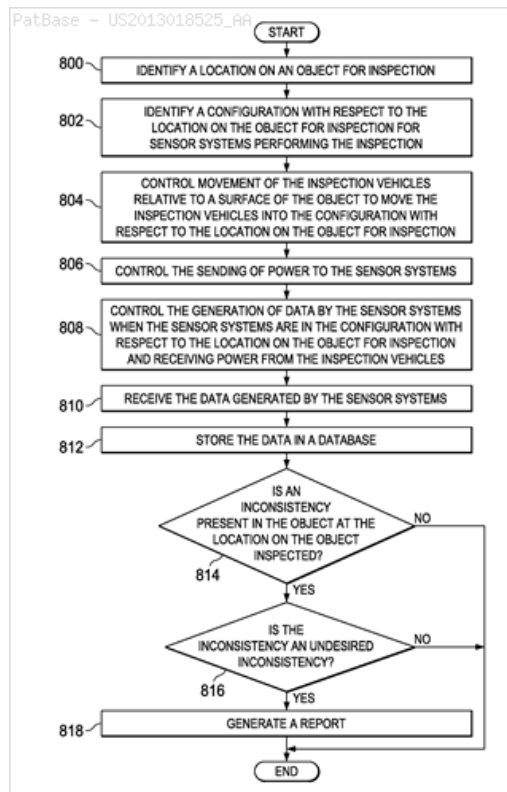
Classifications:

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CPC: G01N29/265 G01N29/225 G01N29/2475 G01N29/2481 G01N29/2493 G01N29/4427 G01N29/4472 G01N291/0231

G01N2291/106 G01N2291/2694

US: 701/2 702/188 73/583 73/865.8



Family:

Publication number	Publication date	Application number	Application date
CA2835813 AA	20131112	CA20122835813	20120503
CA2835813 C	20160830	CA20122835813	20120503
EP2732281 A1	20140521	EP20120724193	20120503
US2013018525 AA	20130117	US20110183580	20110715
US8930042 BB	20150106	US20110183580	20110715
WO13012468 A1	20130124	WO2012US36360	20120503

Priority:

US20110183580 20110715 WO2012US36360 20120503

Probable Assignee: BOEING CO

Assignee(s): (std): BOEING CO ; IHN JEONG BEOM ; JANG JUNG SOON

Assignee(s): THE BOEING COMPANY

Inventor(s): (std): IHN JEONG BEOM ; JANG JUNG SOON

Agent(s): SMART AND BIGGAR; WITTE WELLER AND PARTNER PATENTANWALTE MBB; YEE AND ASSOCIATES PC; SATERMO ERIC K ET AL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

9) Family number: 58855520 (US2015090527A)

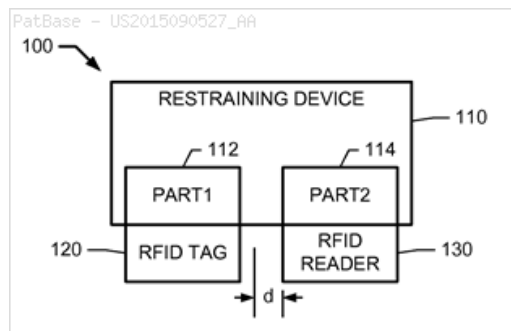
© PatBase

Title: RESTRAINING SYSTEM INCLUDING NEAR FIELD RFID DETECTION

Abstract: Source: US2015090527A A restraining system comprises a restraining device including first and second interlockable parts that, when interlocked, restrain the system. The restraining system further comprises a passive RFID tag attached to the first part, and a passive RFID reader coupled to the second part for near field detection of the tag within a prescribed range of the second part.

Classifications:

International (IPC 8-9): A62B35/00 G01V15/00 G01V3/00



Family:

Publication number	Publication date	Application number	Application date
CA2860469 AA	20150327	CA20142860469	20140825
CN104517080 A	20150415	CN201410495140	20140925
EP2854073 A1	20150401	EP20140183686	20140905
JP2015078977 A2	20150423	JP20140179761	20140904
US2015090527 AA	20150402	US20130040533	20130927
US9477858 BB	20161025	US20130040533	20130927

Priority:

US20130040533 20130927

Probable Assignee: BOEING CO

Assignee(s): (std): BOEING CO

Assignee(s): SALOUR AL ; TRIMBLE DOUGLAS D ; VANCE JONATHAN B

Inventor(s): (std): AL SALOUR ; DOUGLAS D TRIMBLE ; JONATHAN B VANCE ; SALOUR AL ; TRIMBLE DOUGLAS D ; VANCE JONATHAN B

Agent(s): SIM AND MCBURNEY; SHIPP NICHOLAS; MILLER MATTHIAS AND HULL LLP

Designated states: AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

10) Family number: 59380956 (US9045318B)

© PatBase

Title: SYSTEMS AND METHODS FOR CONTROLLING AN OVERHEAD GANTRY CRANE

Abstract: Source: US9045318B Systems and methods for controlling an overhead gantry crane are provided. One overhead gantry crane includes an X-axis drive motor, a Y-axis drive motor, and a hoist member operable to be moved into a plurality of positions by the X-axis drive motor and the Y-axis drive motor to move an object. The overhead gantry crane further includes a controller operable to control operation of the X-axis motor and the Y-axis motor and define a local axis coordinate system for the overhead gantry crane based on a reference point determined from an X-axis location and Y-axis location of the hoist member and a desired movement path for the object, as well as cause movement of the object by concurrently controlling the X-axis motor and the Y-axis motor using the local axis coordinate system.

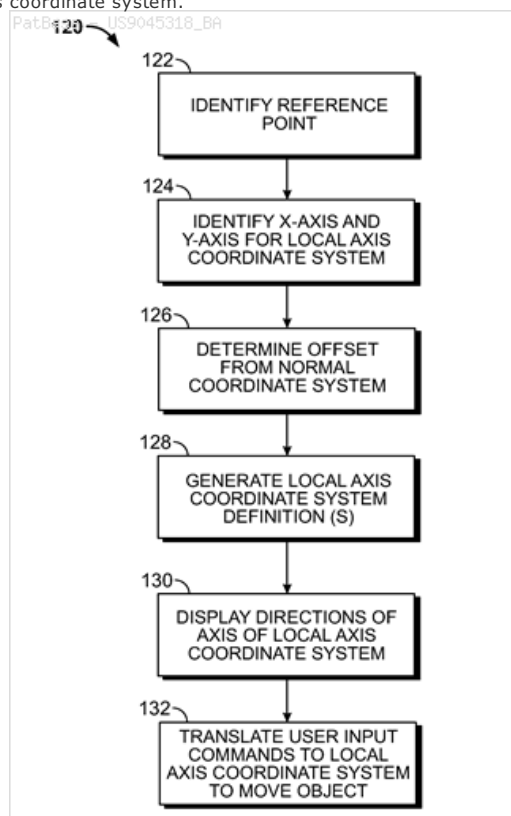
Classifications:

International (IPC 8-9): B66C13/18 B66C17/00

G06F7/70 (Advanced/Invention)

CPC: B66C13/30 B66C13/40 B66C17/06

US: 1/1



Family:

Publication number	Publication date	Application number	Application date
US9045318 BA	20150602	US20130917238	20130613

Priority:

US20130917238 20130613

Probable Assignee: BOEING CO

Assignee(s): (std): BOEING CO

Inventor(s): (std): POLUS JEFFREY E

Agent(s): SMALL PATENT LAW GROUP LLC; JOSEPH M

11) Family number: 59511277 (US2015166149A)

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Title: SEMISUBMERSIBLE WITH TUNNEL STRUCTURE

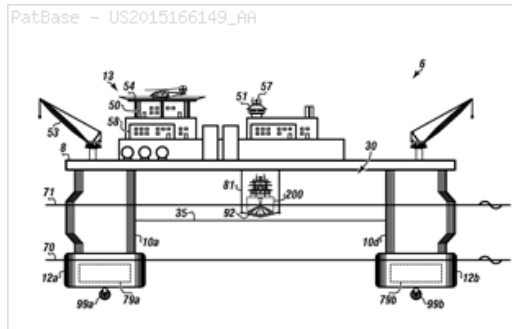
Abstract: Source: US2015166149A A semisubmersible with a plurality of surface piercing columns, a plurality of pontoons attached to and extending between pairs of adjacent surface piercing columns, a tunnel side formed between a first pair of surface piercing columns, an additional tunnel side formed between a second pair of surface piercing columns, a tunnel floor formed between the tunnel sides. A tunnel opening formed between the tunnel sides for receiving a floating vessel into the tunnel structure, and a main deck secured to the plurality of surface piercing columns. The semisubmersible can be ballasted to an operational depth and deballasted to a transit depth.

Classifications:

International (IPC 8-9): B63B1/00 B63B1/10 B63B21/00 B63B27/30 B63B35/44 B63B38/00 (Advanced/Invention)

CPC: B63B35/44 B63B1/107 B63B21/00 B63B27/30 B63B2021/001

US: 114/265



Family:

Publication number	Publication date	Application number	Application date
SG11201605651P A1	20160929	SG20161105651	20141121
US2015166149 AA	20150618	US20140543524	20141117
US9567044 BB	20170214	US20140543524	20141117
WO15088746 A1	20150618	WO2014US66943	20141121

Priority:

US20130915585P 20131213 US20140543524 20141117 WO2014US66943 20141121

Probable Assignee: JURONG SHIPYARD PTE LTD

Assignee(s): (std): JURONG SHIPYARD PTE LTD ; SSP TECH INC ; SSP TECHNOLOGIES INC ; VANDENWORM NICOLAAS J

Assignee(s): JURONG SHIPYARD PTD LTD

Inventor(s): (std): VANDENWORM NICOLAAS J ; VANDENWORM NICOLAAS JOHANNES

Agent(s): BUSKOP LAW GROUP PC; WENDY; BUSKOP WENDY ET AL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

12) Family number: 60019976 (WO15113945A1)

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Title: APPARATUS FOR TREATING THE SURFACE OR CARRYING OUT MAINTENANCE AND/OR INSPECTION TASKS OF A VERTICAL STABILIZER OF AN AERIAL VEHICLE IN A LOW INTERIOR HEIGHT HANGAR

Abstract: The present invention concerns an apparatus for treating surfaces or carrying out maintenance/inspection tasks of the top of a vertical stabilizer (31) of an aerial vehicle by at least one technician comprising:- a single overhead crane (4) hanged on a roof (100) of a hangar building, - a single suspended vertically movable lateral teleplatform unit (30) comprising a telescopic mast (2) connected to the single overhead crane (4), - a suspended staging structure (20) firmly connected to the overhead crane (4) by a supporting structure (5), the suspended staging structure (20) comprising at least one working platform (61, 62) for treating or carrying out maintenance/inspection tasks of the vertical stabilizer (31) of the aerial vehicle at different heights by at least one technician, the length of the overhead crane (4) does not extend beyond the vertical axis (A) of the vertical stabilizer (31), characterized in that the suspended staging structure (20) is not vertically movable and is independent from the vertically movable lateral teleplatform unit (30) permitting to reach the suspended staging structure (20).

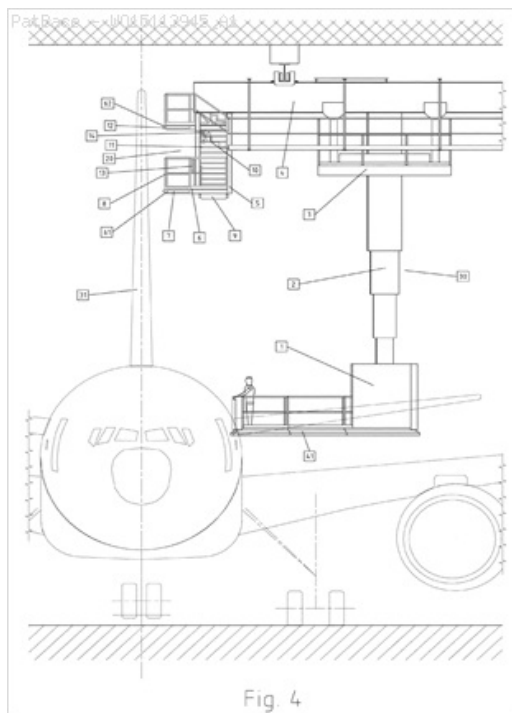
Classifications:

International (IPC 8-9): B64F1/22 B64F5/00 B66C17/00 B66C17/04

B66C17/06 B66F11/04 E04G3/22 E04G3/28 (Advanced/Invention);

B64F5/00 B66C17/00 (Core/Invention)

CPC: B66F11/04 B66C17/04 B64F1/222 B66C17/06 B64F5/40 B64F5/60



Family:

Publication number	Publication date	Application number	Application date
AU2015212946 AA	20150806	AU20150212946	20150127
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WO15113945 A1	20150806	WO2015EP51539	20150127

Priority:

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Probable Assignee: AMOVA SARL

Assignee(s): (std): AMOVA S A R L ; CTI SYSTEMS S A

Assignee(s): ROSTER THOMAS ; AMOVA SARL ; CTI SYSTEMS SA ; AMOVA RL SA

Inventor(s): (std): ROSTER THOMAS ; THOMAS ROSTER

Agent(s): DENNEMEYER AND ASSOCIATES; HILL AND SCHUMACHER; ALESSANDRI Y COMPANIA; MARGARITA CASTELLANOS ABONDANO; DENNEMEYER AND ASSOCIATES SA; FULYA SUEMERALP; DENNEMEYER AND ASSOCIATES ET AL SA

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW